



Solmer

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Polyester acrylate

SP 277

Descriptions

SP 277 is a carboxylated polyester acrylate oligomer for alkali-strippable etch resist varnishes developed for UV/EB cure coating applications requiring low shrinkage, and excellent adhesion on metal properties.

Features

- Carboxylated polyester acrylate oligomer.
- Low odor.
- Low shrinkage.
- Excellent adhesion on metal (copper).
- Acid functionality.

Specifications

- Viscosity (mPa.s, 25°C)	5,000 ~ 8,000
- Color (Gardner)	3 Max
- Density (g/cm ³)	1.19
- Polymer solid % by weight	100
- Acid value (mg KOH / g)	185 ~ 205

Applications

- Method : spray, screen, roll and curtain coating.
- Substrate : variety of substrates, especially metal and glass.
- Alkali-strippable etch resist varnishes.
- Adhesion promoter.

Handling

Storage :

Avoid continuous staying over than 40°C
Handle with care and avoid unnecessary personal contact.

Avoid humidity. It can react with alkaline materials.

Avoid contact with eyes and prolonged or repeated skin contact.

Avoid continuous or repetitive breathing of dust.